

Anti-CCR8 Rabbit Monoclonal Antibody

Catalog # ABO14961

Product Information

Application	WB, IF, ICC
Primary Accession	P51685
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-CCR8 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	1237
Other Names	C-C chemokine receptor type 8, C-C CKR-8, CC-CKR-8, CCR-8, CC chemokine receptor CHEMR1, CMKBRL2, Chemokine receptor-like 1, CKR-L1, GPR-CY6, GPRCY6, TER1, CDw198, CCR8, CKRL1, CMKBR8, CMKBRL2
Calculated MW	40844
Application Details	WB 1:500-1:1000 ICC/IF 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names Immunogen	Clone: ACHG-3 A synthesized peptide derived from human CCR8
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

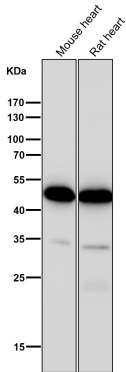
Protein Information

Name	CCR8
Synonyms	CKRL1, CMKBR8, CMKBRL2
Function	G protein-coupled receptor that can bind a variety of chemokines, such as

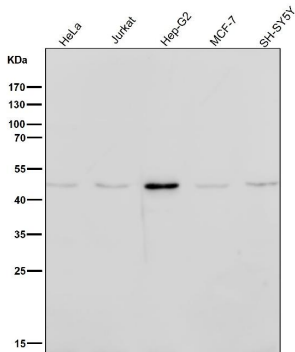
CCL1, CCL8, CCL16, CCL18 (PubMed:[23999500](#), PubMed:[35041514](#)). Regulates monocyte and eosinophil chemotaxis. Undergoes internalization upon CCL18 binding, leading to induced migration and calcium flux of highly polarized Th2 cells (PubMed:[23999500](#)). In microglial cells, promotes phagocytosis with CCL18 through NF-kappa-B and Src signaling pathways (PubMed:[35041514](#)). Stimulation of the CCL1-CCR8 signaling axis protects the gut from acute intestinal damage (By similarity).

Cellular Location	Cell membrane; Multi-pass membrane protein
Tissue Location	Expressed in unstimulated CD4(+) and CD8(+) T-cells and polymorphonuclear cells.

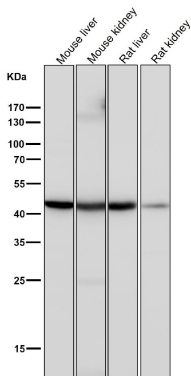
Images



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

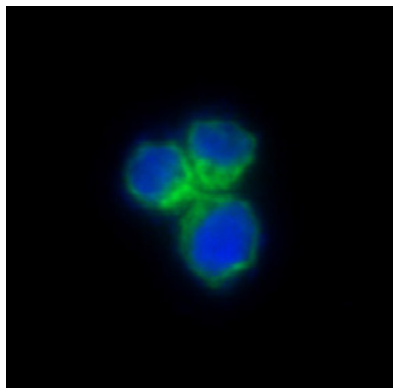
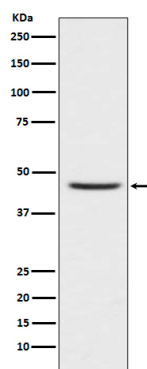


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Western blot analysis of CCR8 expression in Jurkat cell lysate.



Immunofluorescent analysis of HeLa cells, using CCR8 Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.